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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/566,593-Conf. #3574 Filing Date **TRANSMITTAL** August 17, 2006 First Named Inventor **FORM** Asuka NISHIMURA Art Unit 1638 **Examiner Name** P. T. Bui (to be used for all correspondence after initial filing) Attorney Docket Number SHZ-028US Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) Appeal Communication to Board... Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC x Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please Extension of Time Request Terminal Disclaimer Identify below): Return Receipt Postcard **Express Abandonment Request** Request for Refund CD, Number of CD(s) Information Disclosure Statement Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Firm Name

LAHIVE & COCKFIELD, LLP

Signature

Printed name

Jeanne M. DiGiorgio, Eso

Date

January 29, 2009

Reg. No. 41,710

Docket No.: SHZ-028US

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Patent Application of: Asuka Nishimura et al.

Application No.: 10/566593 Confirmation No.: 3574

Filing Date of Art Unit: 1638

International Application: July 30, 2004

For: GENES THAT CONFER REGENERATION Examiner: Bui, Phuong T.

ABILITY TO PLANTS, AND USES THEREOF

AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is in response to the non-final Office Action dated December 31, 2008. Please amend the application as set forth below.

The Pending Claims are set forth below starting at page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.